Purpose of Project

- Project background;
- Review study approach;
  - Problems and opportunities
  - Range and type of alternatives
  - Evaluation process
- Discuss opportunities for input;
Project Background

• Planning – completed during 2011 Planning Study
• Preliminary Design – Production of Transportation Environmental Study Report (*current stage*)
• Detail Design – Production of Design and Construction Report (*next stage*)
• Implementation and Construction
MTO Class EA Process

ENVIRONMENTAL ASSESSMENT (EA) PROCESS

PLANNING (Subject of the 2011 Study)
- Define Transportation Problems and Opportunities
- Generate & Assess Planning Alternatives
- Evaluate & Select Preferred Planning Alternative
- Environmental Protection in Planning

PRELIMINARY DESIGN (Subject of this Study)
- Generate & Assess Preliminary Design Alternatives
- Evaluate & Select Preliminary Design Planning Alternative
- Develop Preferred Planning Alternative
- Environmental Protection in Design

DETAIL DESIGN (Subject of a Future Study)
- Generate & Assess Detail Design Alternatives
- Evaluate & Select Preferred Detail Design Alternative
- Develop Preferred Detail Design Alternative
- Environmental Protection in Design
Project Stages
Ferry operating at or near capacity:

- Weekdays, during rush hours in the winter season
- For an extended peak period (rush hour) and for much of the day on the weekends in the shoulder seasons (Apr./May, Oct./Nov.)
- For most of the day during the summer

Estimated that peak demand could climb to 128-151 vehicles per hour by 2029
Project Purpose

- Address short/long term needs
  - Building on the 2011 Planning Study
- Identify environmental constraints
- Generate and evaluate Alternative Designs
- Select a Technically Preferred Alternative
- Identify appropriate environmental mitigation measures
Planning Alternatives (2011 Study)
The functionally different ways to meet the project need and achieve the project purpose. (ferry vs. fixed link)

Preliminary Design Alternatives (subject of this study)
Various technically and economically feasible ways the project can be implemented or carried out. (additional ferry/increased ferry capacity, improvements to terminals, etc.)
The 2011 Planning Study evaluated many alternatives for a 20-year planning horizon. It was recommended that in the 20-year planning horizon the best alternative was dual-vessel ferry operations. Provide improvements to:

- Marshalling and docking facilities;
- Intersection improvements at Marysville and Barrack St. Terminals; and
- Cycling/pedestrian facilities

As well as the consideration of integration with City of Kingston Transit.
Generate Preliminary Design Alternatives

- Generate specific preliminary design alternative for the existing terminals
  - Barrack Street;
  - Dawson Point; and
  - Marysville.
Issues and Potential Enhancements at each location

• Accommodation for new ferry, including docking/mooring facilities
• Separation, improving efficiencies, and safety for vehicles, pedestrians and cyclists
• Improvements to existing administration and public facilities
Issues and Potential Enhancements at each location

- Improvements to parking and marshalling facilities
- Improvements to local road connections which are impacted by marshalling and loading
- Miscellaneous issues relating to safety and security, winter operations (bubbler system), lighting, etc.
• Undertake more detailed analysis on each alternative (engineering and environmental)

• Assess the advantages and disadvantages of each alternative. Factors to be considered include:
  • Socio-Economical
  • Natural
  • Cultural
  • Transportation
  • Cost
Field investigations have been occurring since August

- Fisheries
- Terrestrial
- Under Water Archaeology
- Geotechnical
- Others
Consultation Overview

• Focused on Obtaining Input from four Groups
  • Municipal Governments
  • First Nations
  • Government Agencies
  • Public and Interest Groups
Government and Agency Consultation

- **Municipal Governments**
  - Letters
  - Municipal Advisory Committee - for technical staff input
    - First meeting held on December 4, 2015
    - Additional meetings to be held around key project milestones
  - Meetings and discussions as required
  - Council Presentation at key project milestones

- **First Nations**
  - Letters
  - Meetings and offline discussions as required
  - Council Presentation if requested

- **Other Government Agencies**
  - Letters
  - Meetings and discussions as required
Public Consultation

- **Ontario Government Notices, Letters and Brochures**
  - Study Commencement
  - Draft SDR
  - Public Information Centres
  - Notice of Transportation Environmental Study Report (TESR) Submission

- **Website**
  - www.wolfeislandferryea.ca

- **Twitter**
  - @wolfeislandea
Public Consultation

- **Public Information Centres (PIC)**
  - PIC 1 – anticipated late Spring 2016
    - Overview of environmental conditions and constraints;
    - Study background and problem statement for the study; and
    - Full range of design alternatives, any coarse screening, and the proposed approach to evaluate alternatives.
  - PIC 2 – anticipated Winter 2017
    - Assessment and evaluation of alternatives;
    - Present the Technically Preferred Alternative, design features and potential impacts;
    - Summary of potential effects and proposed mitigation measures

- **Community Advisory Group – 4 Meeting anticipated**
  - Meeting 1 – introduce study and group and discuss elements of the facility that are important to users to assist in generating alternatives (today)
  - Meeting 2 – discuss alternatives and obtain input on the criteria (around the time of PIC 1)
  - Meeting 3 – input on the evaluation and the selection of a Technically Preferred Alternative (around the time of PIC 2)
  - Meeting 4 – input on proposed mitigation and final design features (prior to preparation of final TESR)

- **Additional Consultation**
  - Activities (i.e. meetings, field visits, tabletop meeting) with various stakeholders
  - Flexible to address the specific issues and/or needs of stakeholders as they arise
## Tentative Schedule for the Preliminary Design and Environmental Study for Wolfe Island Ferry Docking Improvements
**G.W.P. No. 4061-14-00**

<table>
<thead>
<tr>
<th>PHASE ACTIVITY</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
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<tbody>
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<td></td>
<td>Summer</td>
<td>Fall</td>
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<td>Study Commencement</td>
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<td>Study Design</td>
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<td>Draft Study Design Report</td>
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<td>Data Collection &amp; Field Investigation</td>
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<td>Final Study Design Report</td>
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<td>Generating Design Alternatives</td>
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<td>Generate Design Alternatives</td>
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<td>Assess/Evaluate Alternatives</td>
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<td>Finalize Technically Preferred Alternatives</td>
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<td>Prepare Preliminary Design</td>
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<td>Draft Environmental Technical Reports</td>
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<td>Final Environmental Technical Reports</td>
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<td>Develop Environmental Mitigation Measures</td>
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<td>30-Day Mandatory Public Review Period</td>
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<td>Municipal Advisory Committee Meetings (MAC)</td>
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<td>Community Advisory Group Meeting (CAG)</td>
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<td>Public Information Centre (PIC)</td>
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**Legend**
- 1: Notice of Study Commencement
- 2: MAC Meeting No. 1
- 3: MAC Meeting No. 2
- 4: Notice of Study Design Report Public Review
- 5: CAG Meeting No. 1
- 6: CAG Meeting No. 2
- 7: PIC Round No. 1
- 8: CAG Meeting No. 3
- 9: CAG Meeting No. 4
- 10: PIC Round No. 2
- 11: MAC Meeting No. 3
- 12: Notice of TESR Public Review Period